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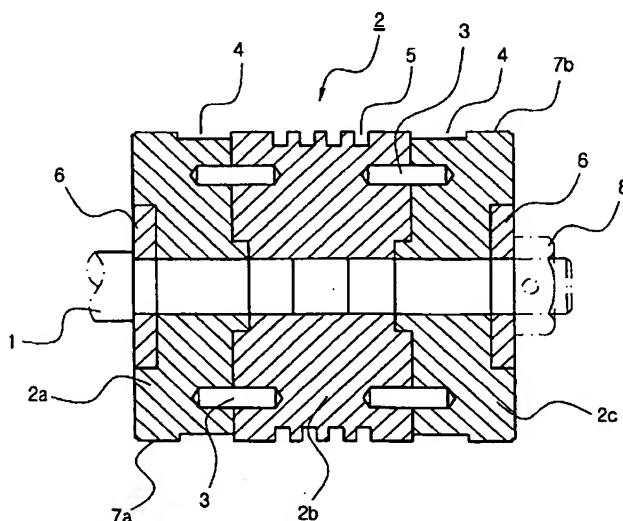
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(54) Title: DIVIDED-TYPED PISTON STRUCTURE HAVING GROOVE FOR ASSEMBLING A RIDER RING IN AIR COMPRESSOR



(57) Abstract: A divided-type piston of an air compressor, in which a piston rod shaft is inserted into a center portion thereof and reciprocally moves within a cylinder, has a piston body. The piston body is divided into an upper piston, an intermediate piston and a lower piston, and these pistons are integrally fixed and assembled by using a positioning pin, provided that the upper piston and the lower piston are formed with rider ring assembling grooves, and the intermediate piston is formed with compression ring assembling grooves. The rider rings are easily assembled to and disassembled from the piston, the time for assembling and disassembling the 10 rider rings is shortened, and the components of the piston can be prevented from damage when the rider rings are assembled and disassembled.



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